

What is claimed is:

1. An ophthalmic contact lens solution comprising:
0.001 to 10 percent by weight ethoxylated glyceride;
0.001 to 2 weight percent of a physiologically acceptable buffer adjusted so the pH of
solution is between 6.5 and 7.8 and the balance water.

2. An ophthalmic contact lens solution comprising:
0.001 to 10 percent by weight ethoxylated glyceride;
0.001 to 2 weight percent of a physiologically acceptable tonicity agent adjusted so the
solution is isotonic between 200 and 400 mOsm

3. An ophthalmic solution comprising;
0.001 to 10 percent by weight ethoxylated glyceride;
0.00001 to 0.1 weight percent of a preservative agent.

4. The solution of claim 1 which further comprises 0.01 to 2 weight percent of a
physiologically acceptable tonicity agent adjusted so the solution is isotonic between 200
and 400 mOsm

5. The solution of claim 4 that further comprises 0.00001 to 0.1 weight percent of a
preservative.

6. The solution of claim 1 wherein the ethoxylated glyceride is chosen from the group of
compounds consisting of Polyoxyl 40 hydrogenated castor oil (Cremophor RH 40),
polyoxyl 60 hydrogenated castor oil (Cremophor RH 60), PEG-30 Castor Oil (Incrocas
30), PEG-35 Castor Oil (Cremophor EL, Incrocas 35); or PEG-40 Castor Oil (Cremophor
EL, Incrocas), Cremophor EL ®, Emulphor EL ®, glycerol polyethyleneglycol
ricinoleate, glycerol polyethyleneglycol oxystearate, polyethoxylated hydrogenated castor
oil, or polyethoxylated vegetable oil.

- inventor
not others*
7. The solution of claim 1 wherein the buffer is selected from the group consisting of organic amines, organic carboxylic acids, amphoteric phosphates, or borates.
8. Method for rendering a contact lens wettable by contacting the surface of said lens with an aqueous solution comprising from .001 to about 10 percent by weight of an ethoxylated glyceride.
9. The method of claim 8 wherein the the ethoxylated glyceride is polyoxyl 40 hydrogenated castor oil.
10. The method of claim 7 wherein said ethoxylated glyceride is polyoxyl 60 hydrogenated castor oil.
11. The method of claim 7 wherein said ethoxylated glyceride is polyoxyl 40 hydrogenated castor oil.
12. The method of claim 7 wherein said ethoxylated glyceride is polyoxyl 35 castor oil.
13. The method of claim 7 wherein the aqueous solution further comprises the buffer bis(2-hydroxyethyl)iminotris(hydroxymethyl)methane (Bis-Tris) and its salts.
14. The method of claim 7 wherein the aqueous solution further comprises the 1,2-bis[tris(hydroxymethyl)-methylamino]propane (Bis-Tris Propane) and its salts.
15. The method of claim 7 wherein the aqueous solution further comprises the N-tris(hydroxymethyl) methyl glycine (Tricine) and its salts.
16. The method of claim 7 wherein the aqueous solution further comprises the N,N-bis(2-hydroxyethyl)-glycine (Bicine) and its salts.
17. The method of claim 7 wherein the aqueous solution further comprises the betaine and its salts.
18. The method of claim 7 wherein the aqueous solution further comprises the buffer phosphate and its salts.
19. The method of claim 7 wherein the aqueous solution further comprises the buffer is borate and its salts.
20. The method of claim 7 wherein the aqueous solution further comprises the is citrate and
- Ex. 4*
- PT 2
inventor
not others*

- its salts
21. The method of claim 7 wherein the aqueous solution further comprises is TRIS and its salts
 22. The method of claim 7 wherein the aqueous solution further comprises the buffer is 2-amino-2-methyl-1,3-propanediol and its salts
 23. The method of claim 7 wherein the aqueous solution further comprises the buffer is triisopropanolamine and its salts
 24. The method of claim 7 wherein the aqueous solution further comprises the buffer is carnitine and its salts
 25. The method of claim 7 wherein the aqueous solution further comprises the buffer is dimethyl glutamate and its salts
 26. The method of claim 7 wherein the aqueous solution further comprises the buffer is creatine and its salts
 27. The method of claim 7 wherein the aqueous solution further comprises the buffer is diethanolamine and its salts
 28. The method of claim 7 wherein the aqueous solution further comprises the buffer is diisopropylamine and its salts
 29. The method of claim 7 wherein the aqueous solution further comprises the buffer is triethanolamine and its salts
 30. The method of claim 7 wherein the aqueous solution further comprises the buffer is triethylamine and its salts
 31. The method of claim 7 wherein the aqueous solution further comprises the buffer is dimethyl aspartic acid and its salts
 32. The method of claim 7 wherein the aqueous solution further comprises the buffer is imidazole and its salts
 33. The method of claim 7 wherein the aqueous solution further comprises the buffer is histidine and its salts
 34. The method of claim 7 wherein the aqueous solution further comprises the buffer is methyl aspartate and its salts
 35. The method of claim 7 wherein the aqueous solution further comprises the buffer is Tris(hydroxymethyl)aminomethane (Tromethamine, TRIS) and its salts

8.12⁴
35.
36.

A contact lens product comprising:

A contact lens;

A sealable container; and

/ An effective amount of an ophthalmic lens solution comprising:

0.001 to 10 percent by weight ethoxylated glyceride; — and —

0.01 to 2 weight percent of a physiologically acceptable buffer adjusted
so the pH of solution is between 6.5 and 7.8 and the balance water.

37. The method of claim 7 wherein the buffer is glycine and its salts

38. The method of claim 7 wherein the buffer is lysine and its salts

39. The method of claim 7 wherein the buffer is histidine and its salts.

same as cl. 33

✓ prior duplicate